

# Loyal MMXC1924 Crossed Roller Bearing

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Design Unit	METRIC
Bore Taper	1/30
Bearing Weight	941.700 Kg
Cage Type	YMD
UPC Code	087796360334
Cage Material	Brass
d	560.000 mm
D	920.000 mm
B – Inner Ring Width	355 mm
B – Outer Ring Width	355.000 mm
R – Inner Ring To Clear Radius1	6.000 mm
r – Outer Ring To Clear Radius2	6.000 mm
da – Inner Ring Backing Diameter	630.000 mm
Da – Outer Ring Backing Diameter	839.000 mm
C0 – Static Radial Rating	21800000 N
C1(2) – Dynamic Radial Rating (Two-Rows)	11700000 N
e – ISO Factor3	0.36
Y0 – ISO Factor4	1.87
Y1 – ISO Factor5	2.78
Y2 – ISO Factor6	1.83
Reference Thermal Speed Rating (Grease)	160

Reference Thermal Speed Rating (Oil) <sup>7</sup>	170
C <sub>g</sub> – Geometry Factor <sup>8</sup>	0.1149